

Abstract

The invention relates to the production of a non-human adenoviral vector for gene transfer into mammalian cells. This vector is particularly suitable for gene transfer into muscle, in particular into skeletal muscle, and into cell types which occur in muscle or skeletal muscle. Areas of application are medicine, biotechnology and gene technology. On introduction of functional DNA sequences, the vector is suitable for treating altered, also pathological manifestations in cells or cell complexes, for producing biological materials and for vaccination.